

**From:** Cynthia Caporale/ESC/R3/USEPA/US  
**Sent:** 6/8/2012 10:29:43 AM  
**To:** Dave Russell/ESC/R3/USEPA/US@EPA  
**CC:**  
**Subject:** Re: Fw: Draft Final SERAS Data Validation Procedures Memo

Thanks Dave. Sorry to hear about your computer. I definitely feel your pain...

I forwarded these on.

Cynthia Caporale, Chief  
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**From:** Dave Russell/ESC/R3/USEPA/US  
**To:** Cynthia Caporale/ESC/R3/USEPA/US@EPA  
**Date:** 06/07/2012 04:12 PM  
**Subject:** Re: Fw: Draft Final SERAS Data Validation Procedures Memo

Sorry I did not have this to you sooner, but this afternoon's reboot took out my computer for 45 minutes.

Below is very important. The corrective action they stated for a contaminated method blank is wrong.

Comments:

Wherever "Fecal Coliforms" is used, it should be changed to "Fecal Coliforms/*E. coli*" since it is my understanding that current work is using a method that detects *E. coli* instead of Fecal Coliforms. They are nearly the same thing, but not exactly. EPA documents use "Fecal Coliforms/*E.coli*".

**p.6 :**

**Method Blank Action for HPC** (Delete FC as the media for FC/*E.coli* is checked for sterility before the analysis is done. Media is not used if contaminated.)

**if >= RL, the action is to reject the data** See SM9020B(8)(a)(5) and the SDWA Lab Cert. Manual paragraph 5.5.11 ("Data should be rejected if control is contaminated.")

**"No Associated Method Blank"** Reject the data because QC needed to validate the results was not performed, i.e., method was not followed.

**From:** Cynthia Caporale/ESC/R3/USEPA/US  
**To:** Dave Russell/ESC/R3/USEPA/US@EPA  
**Date:** 06/07/2012 01:45 PM  
**Subject:** Fw: Draft Final SERAS Data Validation Procedures Memo

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----- Forwarded by Cynthia Caporale/ESC/R3/USEPA/US on 06/07/2012 01:45 PM -----

From: Kelley Chase/R3/USEPA/US  
To: Cynthia Caporale/ESC/R3/USEPA/US@EPA  
Cc: Richard Fetzer/R3/USEPA/US@EPA, Gerald Heston/R3/USEPA/US@EPA  
Date: 06/05/2012 10:59 AM  
Subject: Fw: Draft Final SERAS Data Validation Procedures Memo

Hi Cindy -

I am forwarding the attached draft memo which was prepared by **Ex. 4 - CBI** (SERAS) to provide a highly technical discussion of the project level review. The memo specifically focuses on SERAS's data review and validation procedures. While this is the contractor's work product, we would the QASQA Branch to review the memo and let us know whether you have any comments or questions - especially where the lab's process/role is referenced.

I will also be forward two companion pieces to SERAS's memo later today - hopefully by 2 pm. One is 5 page draft memo which provides a technical summary of the overall data collection, validation and review process for this project. While it is still a technical document, we are trying to make it somewhat user friendly while assuring that it remains technically accurate. You will see where we really need OASQA's input. The other document is a draft executive summary of the data process.

We are requesting that QASQA to review all 3 documents. As usual - there is a tight turn-a-round on the review. We need your initial comments no later than 2 pm on Thursday June 7th. We must forward the documents to the HQs EU on Friday June 8th - any would like the lab's input prior to sending the documents to HQs,

I am in a training class this week - but am stepping out as necessary to work on this matter. Please do not hesitate to contact me with any questions.

Thanks - Kelley  
cell - 267-273-8859

----- Forwarded by Kelley Chase/R3/USEPA/US on 06/05/2012 10:31 AM -----

From: **Ex. 4 - CBI**  
To: Kelley Chase/R3/USEPA/US@EPA  
Cc: Gary Newhart/CJ/USEPA/US@EPA, Richard Fetzer/R3/USEPA/US@EPA, **Ex. 4 - CBI**  
**Ex. 4 - CBI**  
Date: 05/30/2012 02:02 PM  
Subject: Draft Final SERAS Data Validation Procedures Memo

.....is attached for any final comments and/or suggestions. Kelley.....have you forwarded the memo on to Cindy Caporale for her comments?

**Ex. 4 - CBI**

*Lockheed Martin*

*Scientific, Engineering, Response and Analytical Services (SERAS)*

**Ex. 4 - CBI**

[attachment "SERAS Data Validation Criteria\_053012\_Draft.docx" deleted by Dave Russell/ESC/R3/USEPA/US]